

### **REMARKS**

The claims have not been amended. Accordingly, claims 1, 8, 10-13, 16, and 18-19 are currently pending in the application, of which claims 1 and 13 are independent claims. Applicants respectfully request reconsideration and timely withdrawal of the pending rejections for the reasons discussed below.

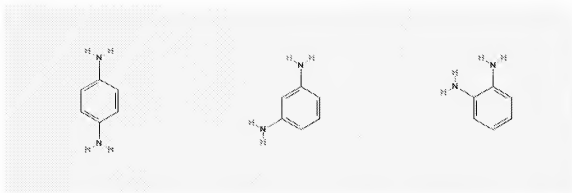
#### ***Rejections Under 35 U.S.C. § 102***

Claims 1-8, 10-13, 16, 18, and 19 stand rejected under 35 U.S.C. § 102(e) as being allegedly anticipated by PCT Publication No. WO03/022008, issued to Thompson, *et al.* ("Thompson"). Applicants respectfully traverse this rejection for at least the following reasons.

In order for a rejection under 35 U.S.C. § 102(e) to be proper, a single reference must disclose every claimed feature. To be patentable, a claim need only recite a single novel feature that is not disclosed in the cited reference. Thus, the failure of a cited reference to disclose one or more claimed features renders the 35 U.S.C. § 102(e) rejection improper.

Claims 1 and 13 recite, *inter alia* "an electron barrier layer comprising phenylenediamine derivatives". Thompson fails to teach or suggest at least such features. Although the Office Action relies upon the second chemical formula of page 25 to teach a phenylenediamine derivative, the compound of Thompson is not a phenylenediamine derivative.

Examples of phenylenediamine are (PubChem Compound.  
<http://www.ncbi.nlm.nih.gov/sites/entrez?db=pccompound> (17 July 2007)):



Furthermore, the Merriam-Webster Dictionary (Merriam-Webster's Collegiate Dictionary, Eleventh Edition) states that a derivative is "a chemical substance related structurally to another substance and theoretically derivable from it" or "a substance that can be made from another substance". However, the compound of Thompson is not a phenylenediamine and cannot be derived from a phenylenediamine. Hence, Thompson does not teach "an electron barrier layer comprising phenylenediamine derivatives". Therefore, Thompson fails to teach or suggest each and every feature of claims 1 and 13.

Accordingly, Applicants respectfully request withdrawal of the 35 U.S.C. § 102(e) rejection of claims 1 and 13. Claims 8 and 10-12 depend from claim 1 and are allowable for at least this reason. Claims 16 and 18-19 depend from claim 13 and are allowable for at least this reason. Since none of the other prior art of record discloses or suggests all the features of the claimed invention, Applicants respectfully submit that independent claims 1 and 13, and all the claims that depend therefrom, are allowable.

**CONCLUSION**

Applicants believe that a full and complete response has been made to the pending Office Action and respectfully submit that all of the stated grounds for rejection have been overcome or rendered moot. Accordingly, Applicants respectfully submit that all pending claims are allowable and that the application is in condition for allowance.

Should the Examiner feel that there are any issues outstanding after consideration of this response, the Examiner is invited to contact Applicants' undersigned representative at the number below to expedite prosecution.

Prompt and favorable consideration of this Reply is respectfully requested.

Respectfully submitted,

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